

Transient Non-Community & Oregon Very Small Water Systems Routine Monitoring*



OREGON HEALTH AUTHORITY
 Public Health Division
 Drinking Water Services
 971-673-0405
 Fax: 971-673-0694
www.healthoregon.org/dws

| | Sampling Requirements |
|---|--|
| Chemicals | |
| Arsenic | Once |
| Nitrate | Yearly |
| Turbidity (for surface water only) | 1 reading every 4 hours |
| Coliform bacteria | |
| Groundwater—average daily population served ≤1000 | Quarterly (See Sampling Periods table below) |
| Groundwater—average daily population served >1000 | Monthly |
| Surface water (stream, lake, etc.) | Monthly |

| Quarterly Coliform Bacteria Sampling Periods | |
|--|---------------------------|
| Quarter | Collect Sample Between |
| 1 | January 1 and March 31 |
| 2 | April 1 and June 30 |
| 3 | July 1 and September 30 |
| 4 | October 1 and December 31 |

*These tables describe baseline monitoring only. Waivers, reductions, source changes, and/or detections will affect sampling requirements. Find details on number, location and timing of samples in the Oregon Administrative Rules (see <https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/RULES/Pages/rules.aspx>). Send all sample results to Oregon Health Authority, Drinking Water Services, PO Box 14350, Portland, OR 97293-0350.

¹Systems using slow sand, cartridge/bag, diatomaceous earth, membrane or other alternative filtration can reduce monitoring to once per day with Drinking Water Services approval.

²Number of routine samples is dependent upon population. See the Oregon Administrative Rules and/or the DWS website for details.

³Sample early in the quarter to avoid problems with mail, lost samples, weather, and other difficulties. Results must be received by the 10th day of the month following the end of the quarter.

Contaminants and Maximum Levels

| Contaminant | Maximum Level |
|----------------------------------|-------------------------|
| Inorganics | |
| Arsenic | 0.010 mg/l ¹ |
| Nitrate | 10 mg/l |
| Coliform bacteria | |
| None present (absent) | |
| Turbidity | |
| Conventional / direct filtration | 1 NTU ^{2, 3} |
| Slow sand filtration | 5 NTU ⁴ |
| Diatomaceous earth filtration | 5 NTU ⁴ |
| Cartridge / bag filtration | 5 NTU ⁴ |
| Membrane filtration | 5 NTU ⁴ |

¹MCL lowered to 0.010 mg/L on 1/23/06

²Nephelometric Turbidity Units

³Turbidity must be maintained at less than or equal to 0.3 NTU in at least 95% of measurements each month. Systems with this treatment type must also meet individual filter effluent (IFE) trigger points for turbidity. IFE triggerpoints and response info can be found in Oregon Administrative Rule 333-061-0040(1)(d) (C).

⁴Turbidity must be maintained at less than or equal to 1 NTU in at least 95% of measurements each month.

**IF YOU WOULD LIKE THIS INFORMATION IN AN ALTERNATE FORMAT,
PLEASE CALL 971-673-0405**